

PEAI-9910

嵌入式系统搭载Intel® 12th/13th Generation Core™ i3/ i5/i7/i9 based proprietary PICMG 1.3 SHB with DDR5 ECC SDRAM, HDMI, DP, Dual 5 Gigabit Ethernets, Audio与USB



PEAI-9910 搭载 Intel® desktop R680E 芯片组与 12/13 代 Intel® Core™ i3/i5/i7/i9 处理器。支持 dual DDR5、two 5 Gigabit Ethernet ports、one M.2 M Key socket、one PCIe Gen5 x16 slot、one PCIe Gen4 x4 slot。PEAI-9910 具备丰富 I/O 与高解析，适合销售时点情报系统、电子自助服务机、数字广告牌与工厂自动化应用。

特点

- 支援 Intel® 12th/13th Generation Core processors Family in LGA 1700 package
- 最高支持 64GB maximum DDR5 4800 ECC SO-DIMM on two sockets
- 支援 DP and HDMI ports
- High speed dual 5GbE Ethernet based on Marvell LAN chip, high bandwidth I/O interface
- 支援 two USB 3.2 Gen2 and four USB 3.2 Gen1 on rear I/O
- 支援 on board TPM2.0

系统

主板	Proprietary ROBO-9910G2AR-A
中央处理器	Intel® 12 th /13 th Generation Core™ i3/i5/i7/i9 processors family in LGA1700 package
芯片组	Intel® R680E
BIOS	AMI uEFI BIOS
内存	- Supports up to 64GB DDR5 4800 SDRAM on two SO-DIMM sockets - Supports ECC
储存装置	- 4x SATAIII drives - Supports RAID 0, 1, 5, 10
看门狗定时器	Programmable watchdog timer, time out period from 0.5 sec to 254.5 secs.
硬件监控	System monitor (Voltage, Fan Speed and Temperature)
扩充接口	- 1x PCIe x16 Gen5 slot - 1x PCIe x4 Gen4 slot - Supports 1x M.2 Type M 2280 with PCIe4x signal

External I/O

音源	Line-Out & Mic-In
显示器	- 1x HDMI 2.0, supports up to 4096 x 2160 @ 60 Hz - 1x DP 1.2, supports up to 4096 x 2160 @ 60 Hz
以太网网络	2x 5 Gigabit Ethernet ports (Marvell AQC114CS)
Serial Port	1x RS-232/422/485 port
USB	- 2x USB 3.2 (Gen2) ports - 4x USB 3.2 (Gen1) ports
GPIO	1x 8-bit Digital I/O port

电源供应

电源输入	AC to DC, AC 100~240V
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环境

运作温度	0°C ~ 40°C
储存温度	-20°C ~ 80°C

机构

尺寸	415mm(L)*182mm(W)*280mm(H)
重量	8 Kg

